

Fig. 1

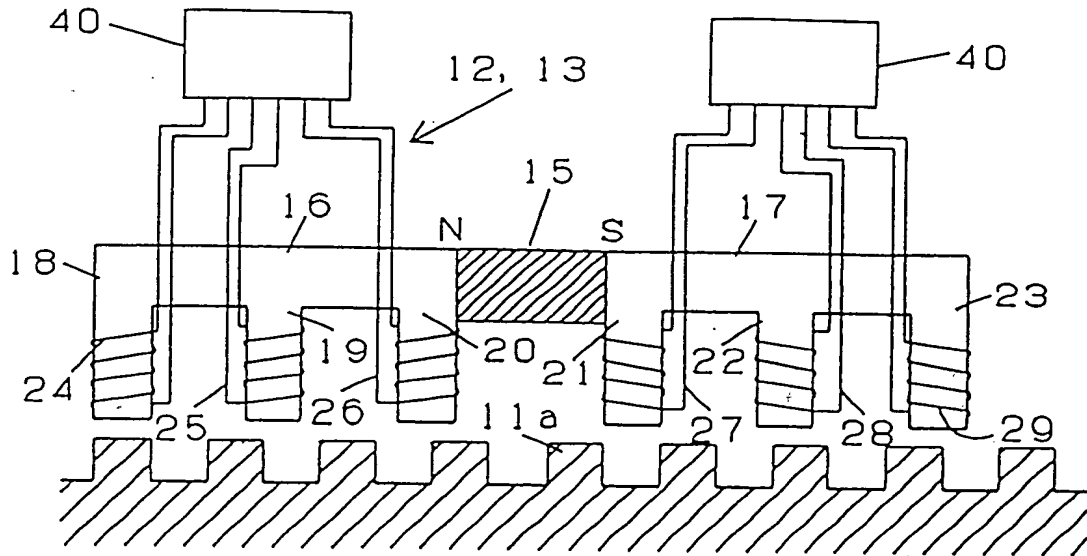


Fig. 2

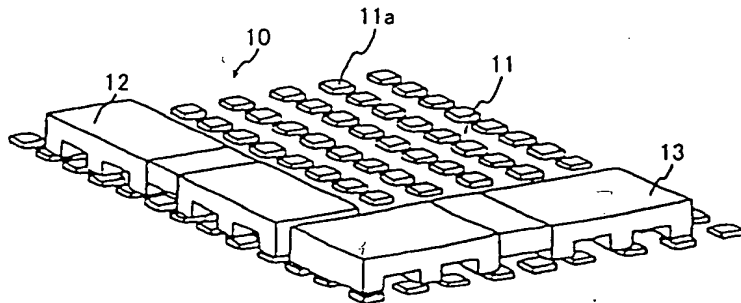


Fig. 3

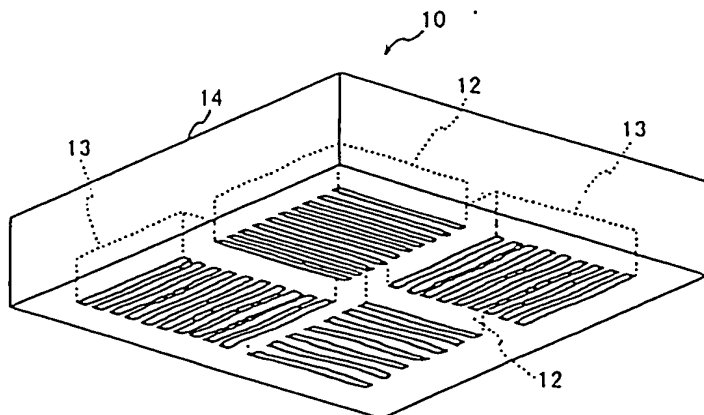


Fig. 4

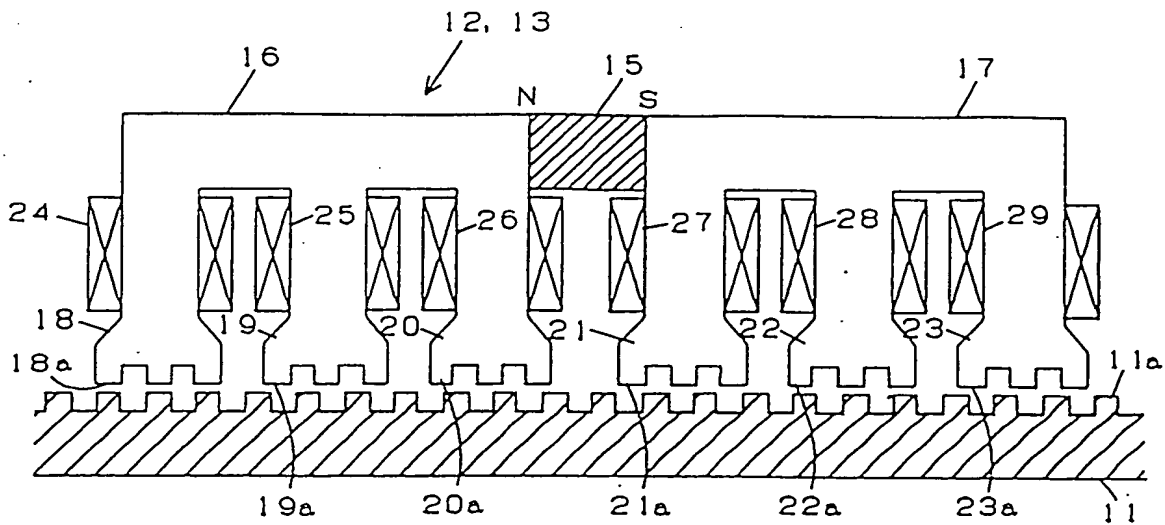


Fig. 5

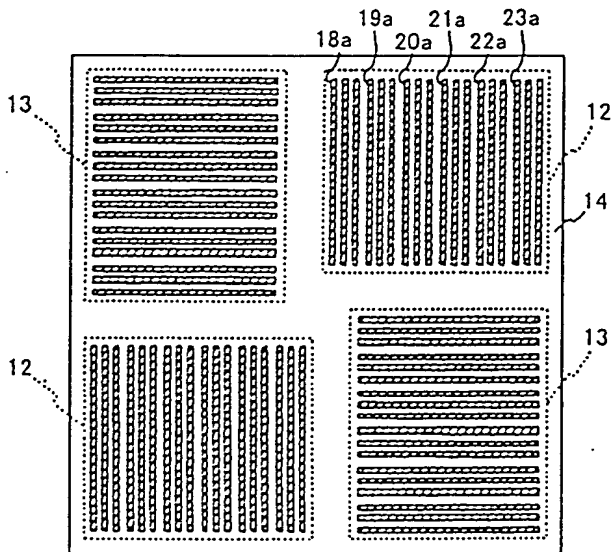
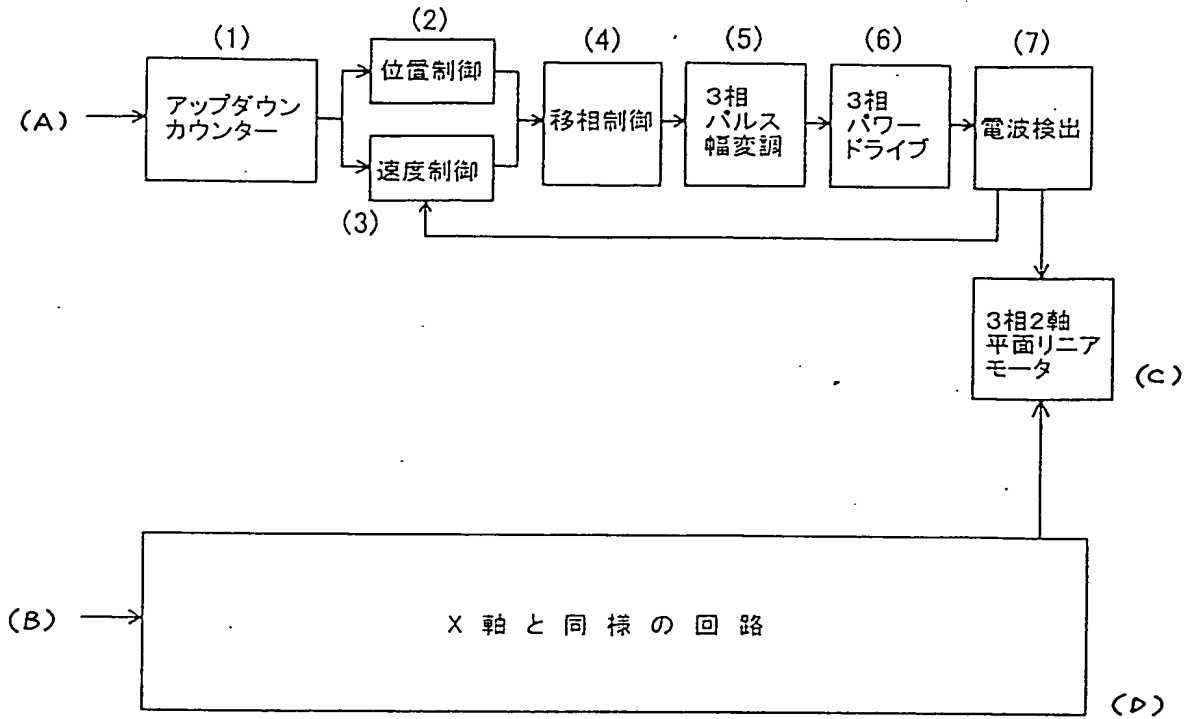
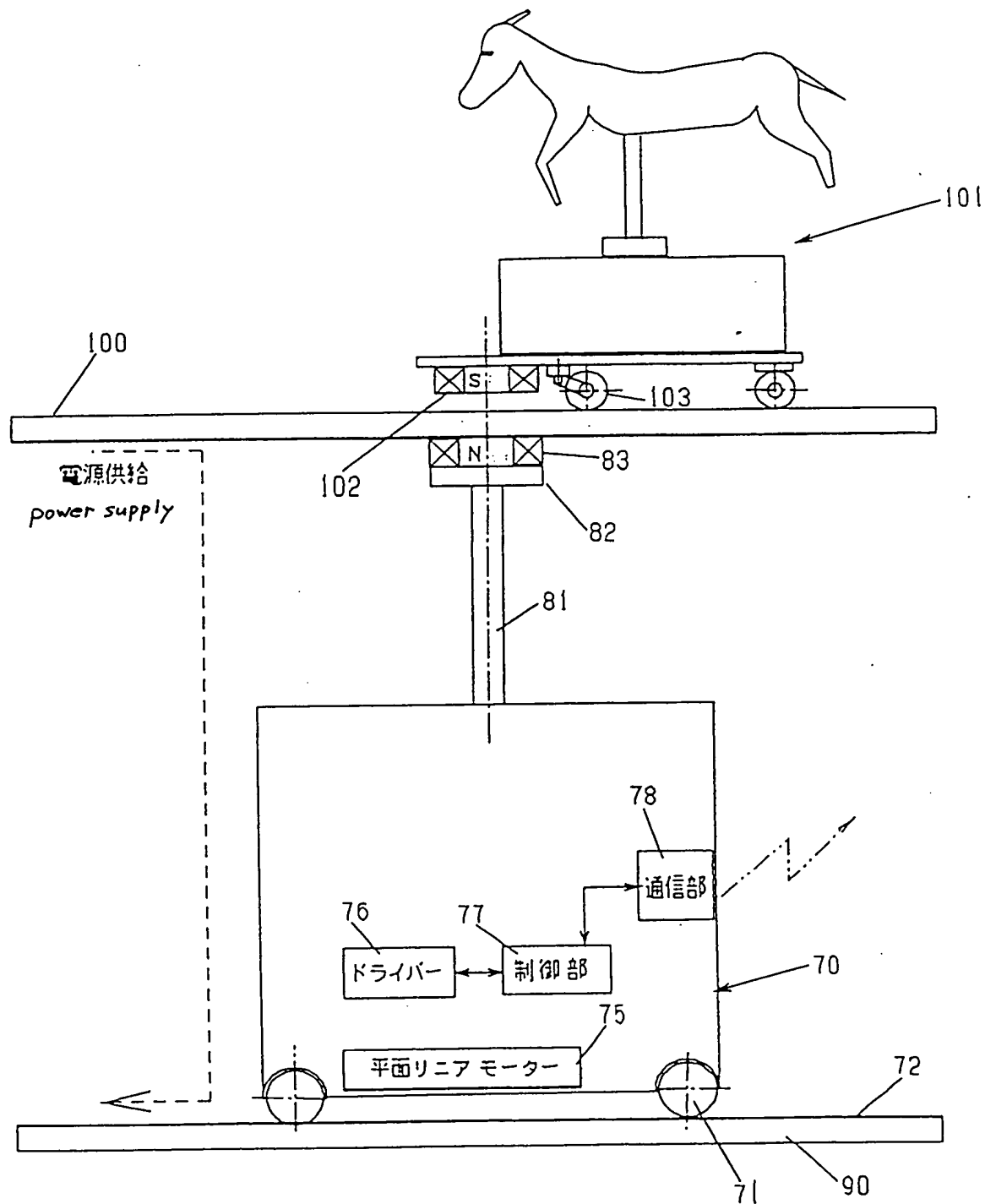


Fig. 6



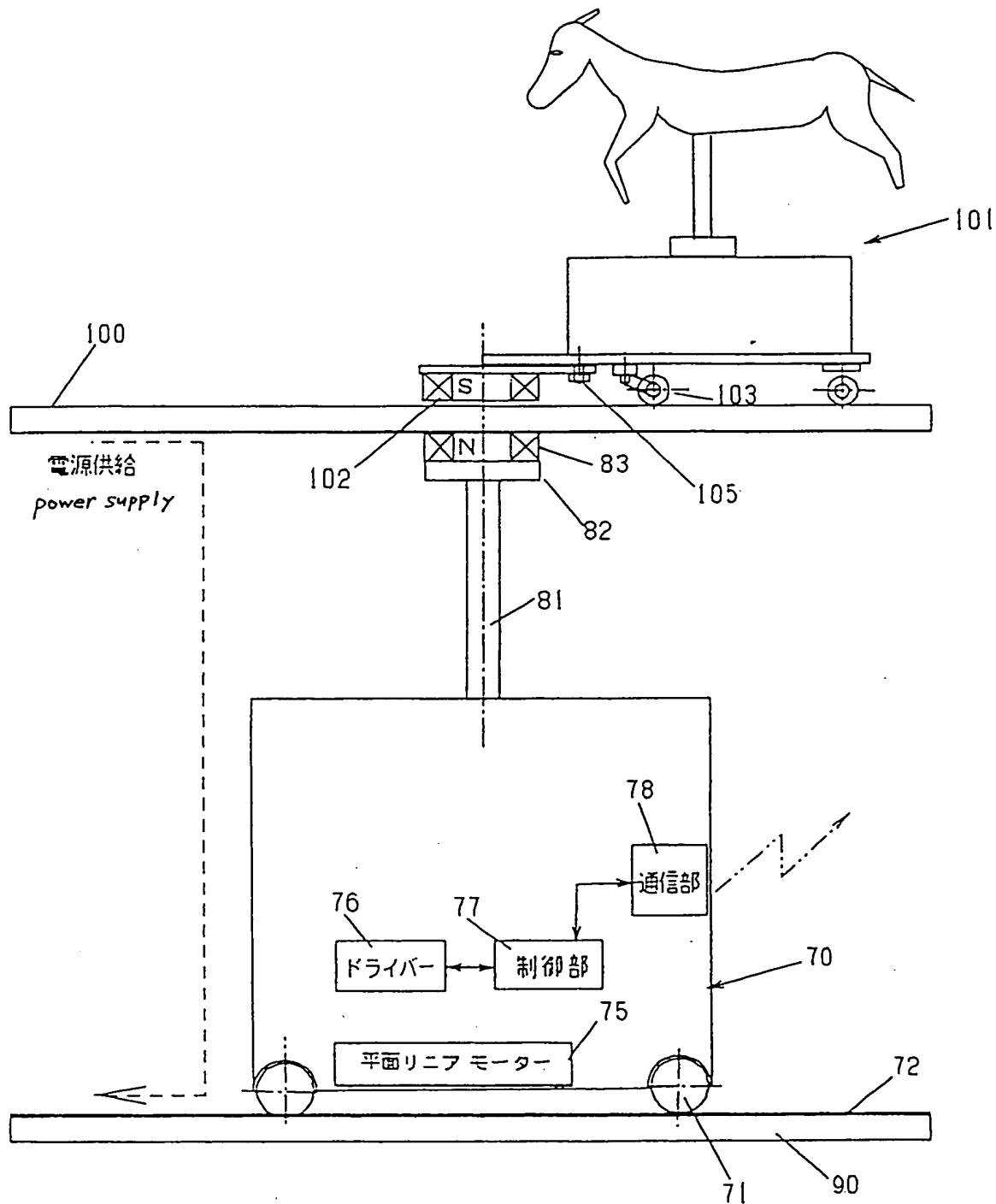
- (1) up/down counter
- (2) position control
- (3) speed control
- (4) phase control
- (5) three-phase pulse width modulation
- (6) three-phase power driving
- (7) current detection
- (A) X-direction motor driving instruction (pulse train or commands)
- (B) Y-direction motor driving instruction (pulse train or commands)
- (C) three-phase biaxial planar linear motor
- (D) same circuit as circuit for X-direction

Fig. 7

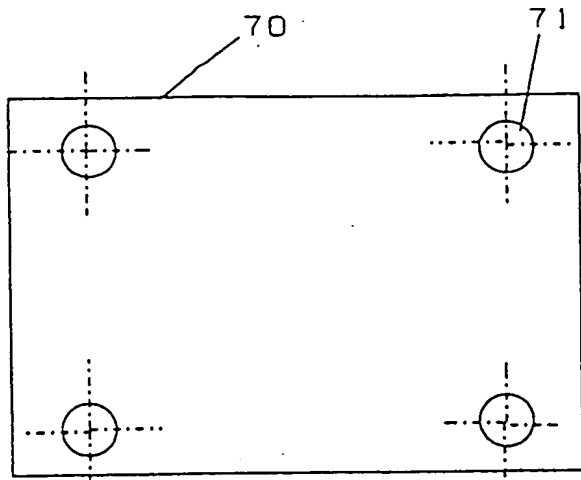


- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator

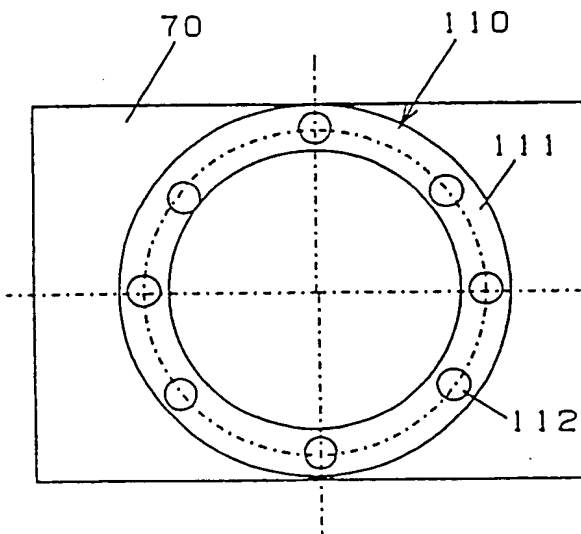
Fig. 8



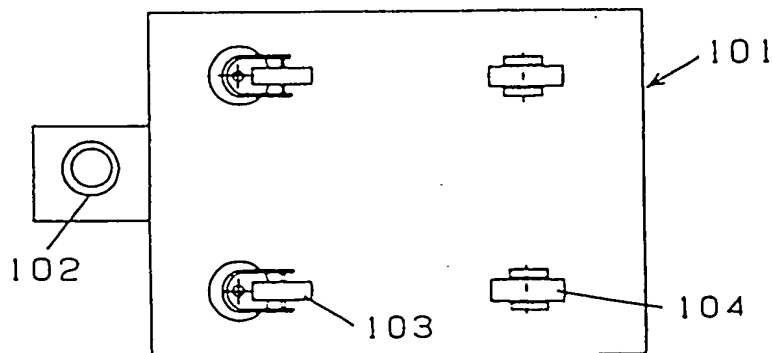
- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator



*Fig. 9*

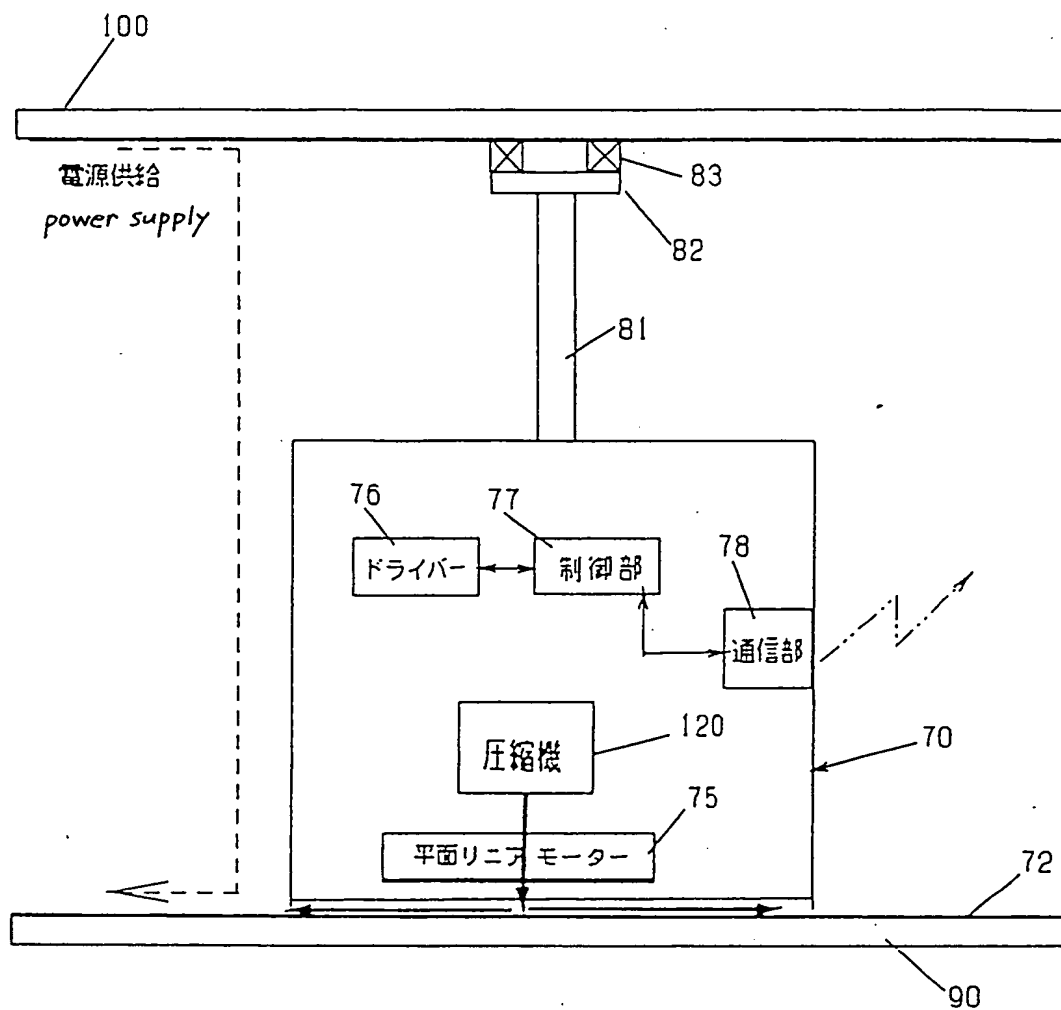


*Fig. 10*



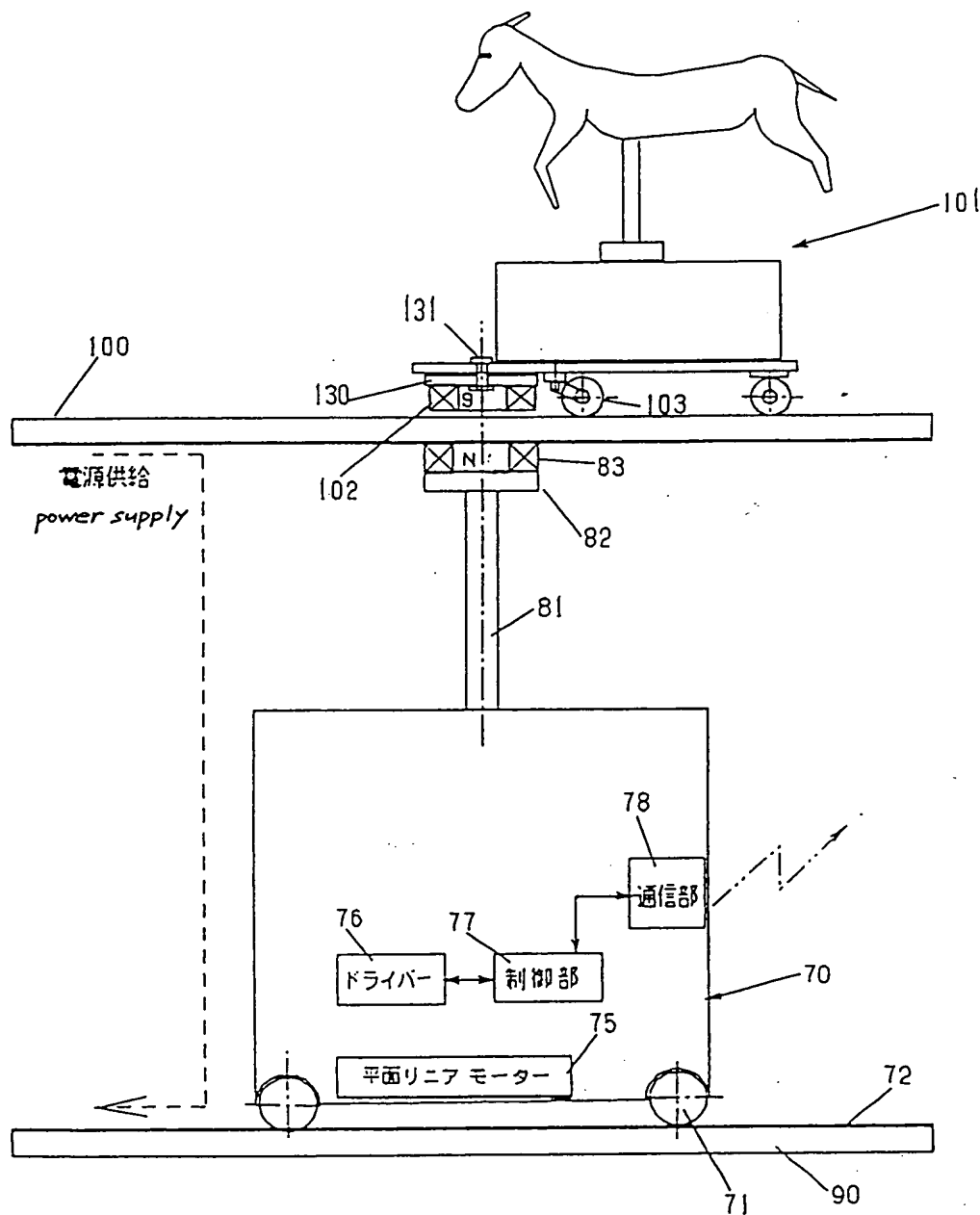
*Fig. 11*

Fig. 12



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator
- 120: compressor

Fig. 13



- 75: planar linear motor
- 76: motor driver
- 77: controller
- 78: communicator